DXpedition News

Maldives - 8Q Four German DXers will operate from the Maldives (AS-13) Feb. 10-21, primarily between 0500-1700Z, mostly CW. Activity will center on 15 and 20 meters, but they will be on 80-10M. They will run barefoot into a vertical and low-band windom, with a beam on 15 meters. No callsigns yet, but they presume calls will include the suffix of the operators' home calls: DF5FJ, DK9FN, DG2ZS, and DF2FQ. All QSLs should go to their manager: Siegfried Hari, Spessartstr. 81, 6453 Seligenstadt, West Germany, with US$1 or two IRCs and a self-address envelope (SAE), or via the DARC bureau. Sunrise 0120Z, sunset 1313Z.

Turks and Caicos - VP5 Four US DXers will operate /VP5 Jan. 19-26, on 160-10 meters, CW and SSB. **AF4Y, NG4M, WB9I,** and **WB9OTX** prefer complete callsigns (no partial calls). QSL home calls direct only (no bureau cards). (WB9I was N9DOK.)

Edited by Chod Harris VP2ML

The DX Bulletin

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January 20, 1989 Issue 471

Reserve Your Island

▪ Rick NQ4I leads a group of Dixie DXers to the Bahamas (NA-01) as **W4MM/C6A** or **N4FD/C6A** for the CQWW 160 meter test Jan. 27-29, in the multi-op category. Operators will be NQ4I, N4FD, WI4R, and W1UA. No QSL route announced.

▪ Brothers Ken **K4TEA** and Brook **K4TKM** Byers will multi-op CQWW 160 M test as **KP2A**. They'll return to John's QTH to multi-single ARRL CW in February. As with all KP2A QSOs, QSL to N6CW.

▪ Bill Smith W9VA returns to Fernando de Noronha as **PY1ZFO/0** for ARRL CW. He has applied for a special call for the test, but no word yet. He'll be there Feb. 16-21. QSL via home call.

▪ The Last Resort in Montserrat is still available for ARRL CW. Call (707) 523-1001 to reserve it.

Reserve Your Island, Continued

▪ John Crovelli W2GD returns to Aruba as **P40GD** for ARRL CW, operating 33 kHz up, 160M on the hour 02-09Z, 80M on the half hour, 02-1000Z. He'll be there Feb. 15-22, and will operate SSB and maybe RTTY outside the test. QSL to N2MM.

▪ Larry **WF8C** and Dave **K8WW** will operate multi-multi from Bermuda, signing **/VP9**, in the ARRL CW test. They'll be there Feb. 11-20, and will operate SSB on 80-6 meters outside the test, including 12 and 30 meters. Watch the low end of 80 and 40 meters, and 25 kHz up on the higher bands. On 6 meters, they'll be on 50.105 MHz, calling CQ for 20 seconds, and listening the next 20, as well as monitoring 28885 kHz. QSL home calls (WF8C was W7EKI.)

Shortly Noted

▪ RL8PYL continues to talk on the air about his planned **3W0A** operation from Vietnam in late January. Although this trip has not been confirmed, he says to watch 5 kHz up on CW, and 3770, 7055, 14195, 21225 and 28545 kHz on SSB. 160 on 1837 kHz. Possible start date is Jan. 30.

▪ JH1ROJ and JG1OUT will operate from Dominica J7 Jan. 29-Feb. 3, and from Antigua V2 Feb. 4-8, 160-10 meters.

▪ **V85MM** was Bill K1MM. QSL home call.

▪ John Thompson W1BIH is on as **PJ9JT**. QSL W1AX.

▪ **9M2AX** says he is on 3510 kHz at 2230-2315Z, and moves to 40M CW after. On 160M, he likes 1832 kHz.

▪ **KE9A/DU3** will try 160M on 1825 kHz at 1145Z.

▪ **OH7NDX/4U** from the Golan Heights counts for Syria. QSL Box 73, Joensuu, Finland. Watch 28045 kHz at 1330Z.

▪ Slim has been active recently. RA9YD denies knowledge of **XT9T**. K2PSR says the station signing **9N2PSR** (or 9N1PSR) and giving his call as QSL route is bogus. The **ZA2SQ** on 40M CW Jan. 8 is most likely a pirate, and **P5JK43** from Pyong Yang, North Korea is unlikely to be a legitimate amateur operation. ("Slim" refers to pirate operations.)

▪ Regulars (callsign, frequency or band, UTC): **HK0HEU** 1840-45 0445Z, and 3798 00-0300Z; **SU1EE** 3501 0330-0500, 14026 0230Z (west) and 1600Z (east), and 10M CW 14-15Z; **7X3DA** 7018 0700Z; **7X4AN** 40M CW 22-2300Z; **KD6DC** 7003 1300Z; **TU4CO** 7001 2130Z, and 12M 16-1700Z; **VS6DO** 7004 1230Z; **ZL7TZ** 40M CW 1145Z; **7P8EG** 7068 0320Z; **4S7NE** 20M CW 0120Z; **9Q5DX** 14014 2230Z; **FT4ZE** 14021 0100Z; **UA1OT** 14028 0130Z; **VU2CVP** long path 14165 1230Z; **ZD8BOB** 15M CW 2030-2330Z; **9Q5NW** 24950 1530Z; **BY4RB** 28028 2330-0030Z, **P29PL** 10M CW 2130-2230Z, and the following on 10M SSB: **A22EE** 1500Z, **FH8CB** 1900Z, **SV5TS** 1400Z, **YJ8NJS** 21-2300Z, and **ZC4AB** 1345Z.

▪ SSB net check-ins: 15M FH4EE V85GA JX1UG 3B9FR ZS3E TZ6MG 9X5AA Z21EK OY9JD 6W1AAD; 20M JX1UG 6T2MG VP5LJ 3B9FR VR6MW 9M2FR KH0AC TU2JL EP2DL 5V7SA; 40M UR2RNJ UQ1GWW 3D2AG CN8VE (KD0JL says his net on 7159 kHz at 0800Z needs VT WY MT and ID to help Europeans make WAS on 40M.)

▪ RTTY: **ZD7CW** 28075 1600Z; **EA8MDA** 14088 2030Z; **ZS3GB** 21088 2200Z; **HP1AC** 21094 0100Z; **9J2KT** 21093 2015Z; **EL3MR** 14070 ARQ 0010Z; **OD5NG** 14074 ARQ 0400Z; **FR5ZD** 14089 0320Z; **PZ1DX** 14094 0345Z.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before				55 Days Before			
January 1989		Date	Flux	A	K	Date	Flux	A	K
20	Above Normal	12/24	229	03/06	0	11/26	142	13/18	2
21	High/Low	12/25	220	19/20	3	11/27	145	09/11	2
22	Low Normal	12/26	201	28/23	3	11/28	142	09/10	2
23	High Normal	12/27	212	15/20	3	11/29	143	07/09	1
24	High Normal	12/28	209	11/15	3	11/30	140	31/29	4
25	High Normal	12/29	202	16/19	2	12/01	155	07/10	1
26	High/Above	12/30	180	12/12	2	12/02	154	16/17	4
27	High Above	12/31	182	10/12	2	12/03	151	19/18	4
28	High Normal	1/01	192	21/16	4	12/04	146	10/11	1
29	Above Normal	1/02	202	07/09	2	12/05	163	02/06	1
30	Above Normal	1/03	198	02/06	2	12/06	164	02/06	0

Propagation Watch

Solar flux continued to increase last week, reaching a peak of 299 on January 16. This is the highest level of solar flux recorded in seven years, since February, 1982. The solar flux has stayed above 250 for more than a week. That hasn't happened since 1981! Solar activity is at its highest level in many years, and we're still about a year from the peak of Cycle 22! Great times for DXers are on the way!

Unfortunately for DXers, this high level of solar activity has also meant a dramatic increase in solar flares, shortwave fading, and ionospheric disturbances. On January 14, for example, no less than six major flares were noted, some coming only minutes after the end of the previous flare.

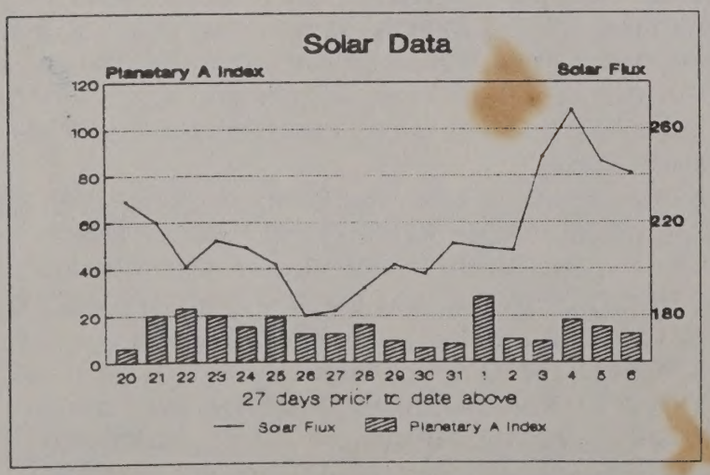
A single sunspot region was responsible for the majority of the flux increase and the flares, Region 5312, which was fading as it rotated around the back of the sun. This region was almost twice the size of any other region in Cycle 22.

Despite the extremely high flux, neither 10-meter long path nor 6 meters opened to a significant extent. In fact, aurora provided much of the excitement on 6 meters.

Look for the flux to decline to more reasonable levels of 180-220 in the next two weeks, with only a slight chance of another block-buster sunspot region similar to 5312.

When band conditions settle down, the pre-dawn long path on 20, 30, and 40 meters remains a very productive slot for DX. If the geomagnetic field is quiet, check out the late night conditions on 80, 40, and 20 meters. The higher bands are good during the day, but seasonal effects have prevented them from staying open much past local sunset. That will improve over the next months.

Keep an ear on WWV at 18 minutes after the hour for flares and disturbances; the geomagnetic field is typically active to minor storm levels a day or two after the flares.



Rotuma Start Date

The Awards Committee at ARRL Headquarters has voted that the starting date for DXCC credit for Rotuma 3D is the start of post-war DXCC: Nov. 15, 1945. This means that any DXer who has a QSL card from the **3D2XR** operation in 1982 already has Rotuma confirmed. (Other operations from Rotuma may be accredited by the DXCC desk, if there were any.) [A related editorial is below.]

The date for submission of cards for Rotuma credit is June 1, 1989. Any cards claiming credit for Rotuma received by the ARRL before that date will be returned. If any DXer used a 3D2XR card for credit for Fiji, he should send a valid card from a Fiji operation after June 1, 1989.

Rotuma Start Date?

An editorial by Editor Chod Harris VP2ML

The ARRL Hq. Awards Committee overruled the DX Advisory Committee's recommendation that DXCC credit for the new "country" of Rotuma begin with the recent 3D2XX operation. The DXAC had voted nine to seven in favor of starting DXCC credit with that operation.

The choice of Nov. 15, 1945 is totally against logic, and reflects the arbitrary, and often senseless, way the DXCC program is administered at the ARRL. The only reason Rotuma counted as a new DXCC country was through the change in the DXCC country criteria rules approved by the League's Board of Directors in January, 1988. Before that date, Rotuma did **not** qualify as a separate country. An application for separate DXCC status was turned down in 1982. That application was based on the now-defunct "separate administration" clause in the DXCC rules, as Rotuma clearly didn't qualify under the then-existing 500-mile separation rule. Note that Rotuma didn't move farther from Fiji in 1988; the DXCC rules changed!

Even if one argues that the rules change was a "clarification," one still cannot say Rotuma was a separate "country" before Oct. 10, 1970, the date Fiji became independent from England. Under the new DXCC Country Criteria Rule 2(a), the "parent" country must be a DXCC country **by reason of government** for the 225-mile rule to be invoked. Prior to Oct. 10, 1970, Fiji was administered by England, and was a country by reason of separation. Under the old rule, Rotuma could not possibly qualify. Besides, DXAC Chairman John Parrott W4FRU admitted that the DXAC fully intended to change the DXCC country criteria when the committee rewrote Rule 2(a).

For the Awards Committee to ignore the recommendation of the DXAC, and defy logic and reason, for ease of administration of the DXCC program highlights a serious flaw in the way the DXCC program is handled at the ARRL.

Dayton DX Dinner

The SouthWest Ohio Dx Association will host the fourth annual DX Dinner on Friday, April 28, during Hamvention weekend, 7pm at the Stouffers Hotel. Cost is $22 to Scott Lehman N9AG, Box 803, Greenville OH 45331. (Please include a self-addressed, stamped envelope (SASE).) Main speaker is Dave Heil **J52US**. Also on the program is a short presentation by your hard-working editor, Chod Harris VP2ML, on 25 reasons **not** to go on a DXpedition. The DX Dinner is a "must" event for DXers attending the Dayton Hamvention. Famous (and infamous) DXers from around the world will be there, and everyone has a great time. Send in your reservation today. See you there!

B . A . N . D . P . A . S . S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.*
All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY

5N9SCR	14094	0039	3	MN
5Z4BH	21085	2025	7	OH
6W6JX	28084	1755	7	OH
9J2KF	21087	1935	8	OH
CT3FF	28090	1733	29	NY
EA8AKQ	21098	2130	7	OH
EL2MR	28082	1810	7	OH
HP1AC	14081	0230	8	NH
HP1BOF	14083	0135	11	CA
LX1BY	28089	1745	10	CA
LZ2KIM	28092	1505	8	OH
PZ1DX	14082	0415	11	CA
UZ9CWA	14087	1340	8	OH
VK9ZM	14089	0225	11	CA
ZS3GB	21090	2247	7	NH

160 Meters

F6BKI	1832	0552	4	WA
FM5BH	1831	0214	3	RI
FM5BH	1834	1019	7	CO
HK0HEU	1840	0441	7	MD
HK1AMW	1833	0557	8	AZ
HP1XHT	1834	1113	2	CT
J52US	1832	0040	2	MA
KG4DM	1826	0430	2	CT
KX6DC	1833	1140	1	MA
KX6DC	1835	0816	9	NJ
KX6DS	1833	0703	4	WA
LA5SEE	1828	0533	7	CT
OK1DWJ	1838	0409	2	MS
OK1FRU	1831	0235	10	CT
PY1RO	1833	0130	2	MA
SM7BIC	1833	0528	2	TX
UA2FF	1837	0621	2	MD
UA9WDT	1833	0118	9	NJ
VK9ZM	1827	1419	6	WA
VS6DO	1826	1052	30	NJ
XF1C	1828	0408	4	WA
Y33UL	1833	0356	2	MD
ZL2ANR	1832	0911	5	CO
ZL2BT	1841	0800	6	IL
ZS3Z	1824	0405	22	MD
ZS5BK	1836	0302	6	WA

80 Meters

7P8DX	3501	0251	2	MA
7X4AH	3503	2150	4	NH
BY4WNG	3502	1404	4	MT
HP1AC	3505	1052	13	CT
HZ1AB *	3507	1457	8	ID
KH6CF	3505	1119	7	NH
KX6DC	3507	1115	7	NH
KX6DX	3507	1118	7	PA
RV0YF	3505	1225	7	MO
SU1EE	3500	0440	8	CT
UA9CBM	3506	1122	7	NH
UA9HK *	3503	1200	3	MA
UB5UAT *	3503	1421	8	ID
UD6DC	3501	0255	7	MA
UG6GAW	3502	0414	8	CT
UR2RND	3502	1412	9	MT
UW0LT *	3505	2150	8	MA
UW9YV *	3501	1215	8	MA
VS6DO *	3505	1220	7	MA
VS6UP	3508	1345	7	CO

75 Meters

3DA0AH	3792	0310	13	MA
A22BE	3795	0300	12	MA
EA9ES	3795	2247	9	NJ
EW1LWN	3647	0209	10	MA
HK0HEU	3798	0016	1	MA
HK0HEU	3799	1115	12	MA
JA6XMM *	3797	2212	10	PA
LZ1KSN	3795	1543	8	WA
OD5VT	3789	0308	3	MA
TU2QQ	3793	2300	4	IL
TZ6MG	3795	2120	2	MA
V44KAE	3798	0258	5	VT
VK6LK *	3798	2115	7	MA
YI1BGD	3794	2220	31	MA

40 Meters

3A2AG	7006	2325	7	CT
3DA0BK	7006	0249	8	MD
7P8EG	7068	0321	6	MA
7X2DE	7001	0117	7	VT
7X3DA	7016	0659	5	CO
7X4AN	7013	2147	5	MD
A41JZ	7002	0128	7	VT
CO2FF	7009	2337	1	GA
KX6DC	7003	1258	8	IL
OY3QN *	7006	1502	8	ID
P29PL	7005	1120	7	MD
P5JK43 !	7006	1640	2	CA
TA1AW	7007	2313	4	MD
TU4CO	7001	2128	6	CT
UA0YM	7001	0130	28	CA
UA1OIL	7002	1230	28	NH
	Franz Josef Land			
UA6IA	7005	0252	7	VT
UG/ UW9OQ	7016	0143	7	VT
UG6GAW	7002	0322	9	CT
UI8BAA *	7012	1301	8	AZ
UL7CAD *	7008	1047	30	NJ
VS6DO *	7003	1115	8	IL
VS6DO	7004	1246	7	FL
VS6UW	7007	1230	8	MO
VU2SU	7005	0155	6	FL
ZC4JL	7002	2320	10	CT
ZL7TZ	7003	1143	13	CT

30 Meters

C31LHJ	10114	2221	26	MD
CO7HC	10110	0046	3	CT
EA8AB	10101	1958	8	CT
FS/FG/ K2BS	10100	0425	13	CT
HB9ZV	10100	2037	8	CT
J52US	10112	1858	1	NS
OH1TN	10104	2225	2	CT
OK1DTM	10100	2001	8	CT
SP5CCC	10100	2030	8	CT
VK3GU	10105	1131	9	CT

20 Meter CW

3B8CF	14033	0317	5	GA
3B8DA	14024	0319	5	GA
3B8FQ	14008	0144	4	FL
4S7NE	14034	0138	6	MD
4S7VJ	14008	0213	6	MD
9Q5DX	14013	2238	6	OH
9Q5UN	14023	2151	2	IL
AP2UR	14050	1235	6	MA
BY4RB	14030	0150	3	RI
BY9GA	14030	0050	4	NC
CE0ZIG	14035	0157	11	CA
FT4ZE	14021	0100	6	VA
JT1AS	14038	0519	13	NJ
JT8KFM	14018	0217	6	MD
LU2ZC	14024	0115	5	FL
RA3YG	14016	0048	9	FL
RH8AO	14023	0440	13	NJ
RV0YF	14013	0228	6	FL
SU1EE	14026	1626	8	OR
SU1EE	14026	0236	9	CA
SU1EE *	14017	1525	7	CA
SV5TS	14038	1942	6	NH
UA0YAG	14008	0200	4	VA
UA1OT	14029	0140	4	FL
	Franz Josef Land			
UH9BWD	14053	0425	6	VA
UI8AG	14012	0258	8	CA
UL7VBP	14014	1211	2	FL
VS6UW	14006	1356	7	MI

17 Meters

HH2SD	18113	1643	1	NS
J52US	18110	2020	3	NS
KA2XUK	18111	1658	2	NS
OK1AJN	18110	1901	2	NS
Y25WJ	18113	1706	1	NS

20 Meter SSB

5N0LRC	14210	2315	8	NH
5T5EV	14160	0030	10	AL
6T2MG	14161	2221	7	MA
7P8EG	14232	0546	8	MD
9M2FR	14212	0124	6	MD
9M8PV	14183	2145	5	NH
9N1MM	14215	0121	4	MI
A22RB	14171	0415	6	VA
AP2AZ	14212	0412	1	MA
AP2P	14163	0350	1	MA
EP2HZ *	14184	1256	4	MD
J52US	14202	2224	10	MA
J52US	14182	0119	4	CO
KC4AAA	14241	0424	10	OH
OY9JD	14189	0324	8	CO
RH8AD	14261	0418	1	MA
RL8PYL	14178	1325	7	OH
TF3KM	14173	0229	8	MD
TU2JL	14181	0523	10	IL
UI8ZAC	14206	0425	13	NJ
UL7NW	14196	0310	7	OH
VR6ID	14247	0400	3	CO
VU2CVP *	14165	1231	3	MA
VU2HI	14209	0200	4	CA
VU2QQ *	14195	1240	12	MA
Y88POL	14159	2327	3	MD
YI1BGD	14182	0400	6	VA
YI1BGD *	14212	1622	5	CA

15 Meter CW

9Q5DX	21017	1805	31	AZ
9Q5UN	21026	2318	3	CA
9X5AA	21035	2153	2	LA
FR4EU	21015	1935	2	VT
J28CW	21030	1355	1	NH
PJ9JT	21021	0138	13	MA
SU1EE	21027	1612	10	CO
SV0AA	21019	1806	10	MA
XX9GP	21024	0013	5	CA
YC0IPD *	21020	0024	4	MD
ZD8BOB	21002	2029	2	MI

15 Meter SSB

5H3RB	21345	2010	8	CA
5W1GP	21360	2220	31	CT
6W1AAD	21264	1900	3	AZ
6W1HF	21323	1959	7	CT
7P8EG	21238	1920	12	MA
9J2AL	21360	1845	10	KS
9K2DX	21230	1537	5	NH
9Q5AA	21340	2200	7	WA
9Q5NW	21250	2000	2	MI
9Q5UN	21295	1948	3	NY
9X5AA	21345	2046	7	WY
9X5AA	21360	1900	10	KS
A47RS	21210	1520	7	MA
BY4RB	21243	0045	3	NY
HZ1AB	21240	1549	7	NJ
P29DN	21285	2110	3	CA
PZ1AR	21208	2147	2	MI
S83H	21325	1927	31	NY
S92LB	21283	2145	2	MI
VP2M/ WQ6Y	21201	0142	13	MA
	The Last Resort			
ZB2GR	21222	0847	5	MI
ZD8RP	21215	1729	7	NJ

12 Meters

5N0/ OK1AEX	24901	1658	3	NH
9Q5NW	24950	1522	8	MD
C30LFR	24938	1433	2	NS
EA6BD	24896	1513	2	GA
EA8AB	24899	1805	7	CT
EA8ATB	24893	1306	2	GA
EA9NN	24948	1621	8	CT
GD3ESV	24901	1722	8	MD
J52US	24949	1830	1	MD
NP4CC	24931	2201	6	CT
OA4ZB	24902	1607	7	MD
TU4CO	24848	1555	2	FL
T77U	24961	1535	2	NS
VK2EJE	24904	2259	2	GA
VP2EHF	24950	2126	2	CT
VU2NR	24970	1326	2	NS
VU2ZAP	24966	1439	6	NY
Y21UO	24892	1255	2	GA

10 Meter CW

4U/ OH7NDX	28048	1440	3	NH
	28042	1328	7	NY
5H3GW	28025	1900	6	MD
9X5AA	28002	1540	7	AZ
BY4RB	28029	0030	9	IL
BY5RG	28028	2345	9	ID
D68JL	28027	1530	2	CA
HZ1HZ	28006	1400	7	NY
P29PL	28003	2121	7	MN
SU1EE	28036	1422	1	MI
TA1AZ	28012	1636	8	CT
TA3D	28012	1528	3	CO
TF3CW	28019	2155	9	ID
VP8BUD	28008	2058	3	TN
ZB2DX	28020	1516	2	MN

10 Meter SSB

3D2HO	28528	0045	13	NJ
4U1UN	28525	1550	2	MI
6W1NQ	28507	2210	8	NH
9K2SH	28485	1330	7	FL
9Q5DX	28513	1406	4	MS
A22EE	28501	1539	10	MA
CN8MC	28575	1730	2	CO
D68MG	28467	1500	1	MA
FH8CB	28533	1910	5	AZ
HV3SJ	28497	1423	8	CT
HZ1AB	28495	1345	7	TX
JY9FR	28567	1526	7	MA
JY9VC	28492	1428	6	MD
KG6SL	28559	2307	6	NJ
KH0AC	28418	2211	1	OH
KX6MO	28495	2155	8	MI
P29KN	28505	2245	6	VA
SV5TS	28549	1352	9	NJ
TA3F	28615	1516	3	MD
TL8WD	28594	1534	7	MA
TZ6FIC	28500	1651	3	CT
UA1P/ UV3CC	28519	1638	7	MA
	Franz Josef Land			
UR2CC	28501	1500	10	MA
V85GA	28473	0020	7	CO
YJ8NJS	28485	2048	1	VT
ZB2GR	28563	1405	6	MD
ZC4AB	28583	1349	7	MD

Novice Band

4Z9FDB	21101	1500	4	NH
6Y5/ N6MSA	21106	1435	5	IL
UI8CAM	21109	1300	14	FL

1 498 YOUR SUBSCRIPTION ENDS 89/10
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Calendar

Issue 471 - January 20, 1989

(Changes and hot info in **boldface**.)

Algeria - 7X	7X3DA 7018 0700Z	**I471**
	7X4AN 40M CW 1145Z	**I471**
Amsterdam Is. FT-Z	FT4ZE 14021 0100Z	**I471**
Anguilla - VP2E	VP2E/KB0AQB on CW	I470
Antarctica	KC4AAA 14240-250 04-0600z	I463
	Y88POL 20M SSB 0030Z	I466
Armenia - UG6	UG6GAW 7005 LP 1400Z	I470
Aruba - P40	P40T M/S ARRL SSB	I467
	P40GD ARRL CW by W2GD	**I471**
Ascension - ZD8	ZD8JP active now for 6 months	I469
	ZB8BOB 28010 22Z, 21010 20Z	I470
Bahamas - C6	N4FD et al in CQWW 160M	**I471**
Barbados - 8P	8P9X ARRL CW, SSB	I469
	8P9AY Jan. 11-Feb. 4	**I470**
Bermuda - VP9	WF8C, K8WW ARRL CW	**I471**
China - BY	BY4RB 28030 kHz 2330-0030Z	I470
	BY9GA 14026 kHz 0045Z	I470
Congo - TN	TN4NW Jan. 20-22	**I470**
Egypt - SU	SU1EE 3501 0330Z, 14026 0230, 1600Z	
	10M CW 14-1500Z	**I471**
Faroes - OY	OY/W7AWA 160M Feb. 6-11	I470
Fernando de Noronha	PY1ZFO/0 ARRL CW	**I471**
Guinea-Bissau - J5	J52US 21313 2000Z	I469
Hong Kong - VS6	VS6DO 7004 1230Z	**I471**
India - VU	Low Bands Jan. weekends	**I468**
	20M LP sunrise (E), 0200Z (W)	**I470**
Irag - YI	YI1BGD 10M SSB 12-1400Z	I469
Ivory Coast - TU	TU4CO 7001 2130, 12M 16Z	**I471**
Jan Mayen - JX	JX1UG 1837 1800Z weekends	I469
Laccadives - VU7	before March 30	I465
Lebanon - OD	OD5VT 3793 0300Z or 2100Z	I467
Malagasy - 5R	5R8AL late January	**I466**
Maldives - 8Q7	by DLs Feb. 10-21	**I471**
Marion Is. ZS8	ZS8MI April 1989	I465
Marquesas - FO	FO0FB early March	I467
Marshall Is. - KX	KX6DC 1832 1220Z (E) 0700 (W)	I470
Mauritius - 3B	3B8CF 14033 kHz 0350Z	I469
Montserrat - VP2M	VP2M/F2JD now on CW	I466
	VP2MU SSB by AA4NC	I467
Mozambique - C9	C9MKT Feb. 17-19, 21335 1800Z	I467
	14195 1600Z, 28595 1430Z	I466
Netherlands Antilles	PJ9JT Now-April	I468
Oman - A4	A41KP 28520, 21230, 14220	I470
	20M LP 1230Z (E), 1600Z (W)	I470
Rwanda - 9X	9X5AA 28015 2000Z	I469
St. Vincent - J8	J8DX ARRL CW, SSB	I467
Sao Tome - S9	S92LB 21284 2100Z	I470
South Shetlands	LU2ZC on CW now for a year	I469
Sudan - ST	ST2KR 20M CW 2200Z	I466
Syria - YK	**OH7NDX/4U 18045 1330Z**	**I471**
Trisan da Cunha - ZD9	ZD9BV 28466 kHz 1600Z	I467
Turks & Caicos - VP5	K2PZ, N2FGE, KN2N Feb. 4-11	I468
	by AF4Y et al Jan. 19-29	**I471**
UK Sovereign Bases	ZC4AB 28500 kHz 1330Z	I470
US Virgin Is. - KP2	**KP2A CQWW 160M, ARRL CW**	**I471**
Vanuatu - YJ	YJ8NJS 28500 kHz 0030Z	I470
Vatican - HV	HV3SJ 10M SSB 13-1600Z	I470
Vietnam - 3W	**Rumors Jan. 29-Feb. 20**	**I471**
West Malaysia - 9M2	9M2AX 3503 2230Z	I469
Willis Is. - VK9	**VK9ZW Jan. 17-20**	**I470**
Zaire - 9Q	9Q5DX 14010 kHz 0030Z	I470
	9Q5NW 21250 1930Z	I470
Zone 23 - RV0Y	RV0YF 20M CW 00-0200Z	I467

DX Activities and Contests

Date	Event or Activity	Info
Jan. 27-29	CQWW 160 Meter CW Contest	CQ
Feb. 18-19	ARRL CW DX Contest	QST
Feb. 24-26	CQWW 160M SSB Contest	CQ
Mar. 4-5	ARRL SSB DX Contest	QST
Mar. 18-19	BARTG Spring RTTY Test	CQ

Contributors

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